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<110> SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
SCIENTIFIQUES S.A.S.

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<140> 10/582,534

<141> 2006-06-09

<150> PCT/US2004/042045

<151> 2004-12-15

<150> US 60/529,822

<151> 2004-12-16

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<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> GLP-1 Analogue

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = (4-hydroxyphenyl)propionic acid

<220>
<221> MOD_RES
<222> (30)..(30)
<223> AMIDATION

<400> 28

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Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

<210> 29
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> GLP-1 Analogue

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa = (3-hydroxyphenyl)propionic acid

<220>
 <221> MOD_RES
 <222> (30)..(30)
 <223> AMIDATION

<400> 29
 Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

<210> 30
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 <212> PRT
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<220>
 <223> GLP-1 Analogue

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa = phenylacetyl

<220>
 <221> MOD_RES
 <222> (30)..(30)
 <223> AMIDATION

<400> 30
 Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

<210> 31
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 <212> PRT
 <213> Artificial Sequence

<220>
 <223> GLP-1 Analogue

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa = 3-fluoro-4-hydroxyphenyl-acetyl

<220>
 <221> MOD_RES
 <222> (30)..(30)
 <223> AMIDATION

<400> 31
 Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

<210> 32
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 <212> PRT
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<220>
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<220>
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 <223> Xaa = 4-imidazol-carbonyl

<220>
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 <222> (30)..(30)
 <223> AMIDATION

<400> 32
 Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

<210> 33
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<220>
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 <222> (1)..(1)
 <223> Xaa = 4-nitrophenyl-acetyl

<220>
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 <223> AMIDATION

 <400> 33
 Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

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 <223> Xaa = 3-chloro-4-hydroxyphenyl-acetyl

 <220>
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 <222> (30)..(30)
 <223> AMIDATION

 <400> 34
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 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

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 <222> (1)..(1)
 <223> Xaa = 4-hydroxyphenylacetyl

 <220>
 <221> MOD_RES
 <222> (30)..(30)
 <223> AMIDATION

 <400> 35
 Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg

20 25 30

<210> 36
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<220>
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 <222> (1)..(1)
 <223> Xaa = 4-aminophenyl-acetyl

<220>
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 <222> (30)..(30)
 <223> AMIDATION

<400> 36
 Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

<210> 37
 <211> 30
 <212> PRT
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<220>
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<220>
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 <223> Xaa = 3-(3-hydroxyphenyl)-propionyl

<220>
 <221> MOD_RES
 <222> (30)..(30)
 <223> AMIDATION

<400> 37
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 1 5 10 15
 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 20 25 30

<210> 38
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 <212> PRT
 <213> Artificial Sequence

<220>
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<220>
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<223> Xaa = 3-phenyl-propionyl

<220>
<221> MOD_RES
<222> (30)..(30)
<223> AMIDATION

<400> 38
Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1          5          10          15
Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
          20          25          30

<210> 39
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> GLP-1 Analogue

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa = 3-(4-aminophenyl)-propionyl

<220>
<221> MOD_RES
<222> (30)..(30)
<223> AMIDATION

<400> 39
Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1          5          10          15
Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
          20          25          30

<210> 40
<211> 30
<212> PRT
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<220>
<223> GLP-1 Analogue

<220>
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<222> (1)..(1)
<223> Xaa = 3-(4-nitrophenyl)-propionyl

<220>
<221> MOD_RES
<222> (30)..(30)

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<223> AMIDATION

<400> 40

Xaa	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg		
			20					25					30		

<210> 41

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> GLP-1 Analogue

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa = 3-(2-hydroxyphenyl)-propionyl

<220>

<221> MOD_RES

<222> (30)..(30)

<223> AMIDATION

<400> 41

Xaa	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg		
			20					25					30		

<210> 42

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> GLP-1 Analogue

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa = 3-(3,4-difluorophenyl)-propionyl

<220>

<221> MOD_RES

<222> (30)..(30)

<223> AMIDATION

<400> 42

Xaa	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg		
			20					25					30		

<210> 43


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<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> GLP-1 Analogue

<220>
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<222> (1)..(1)
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<220>
<221> MOD_RES
<222> (30)..(30)
<223> AMIDATION

<400> 43
Xaa Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1          5          10          15
Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
          20          25          30

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